

HALEMAU MAKE SLOWLY RISING IN CRATER OF VOLCANO

Level At Last Report, Less Than Forty-five Feet Below

Brim
FOUNTAINS SPRAY FLAME
FIFTY FEET INTO AIR

Pulse of Pit Jets Spears of Blue Fire From Lava Cones

The lava lake in Halemau maui is still rising, though there has been a slight temporary subsidence of no moment. The level of the lake below the rim of the pit is now less than forty-five feet. The lava has been built up from the west pond to fully ten feet above that level.

The week has been chiefly characterized by heavy overflowing on the surrounding benches, and this has provided a spectacle of terrific grandeur for visitors. On January 27 the south-east rampart was heavily flooded, two powerful springs jetted lava in the northwest pond locality, and there were also flows from the north-west arm and the south bench. On this day a high rampart was built in front of the southwest crag, and there were falls of spatter from the borders of the southwest peninsula during the afternoon.

On the following day a cone developed at the west end of the southwest peninsula exhibiting a standing fountain similar to the Mokuweewe fountains, spraying forty to fifty feet into the air and making large quantities of Pele's hair. The lake was very quiet on the following day and almost level with its banks.

The northeast rampart broke down at one-thirty o'clock, and there was a very heavy overflow from the lake at this point. On the last day of the month the lake was ten feet down and there were ten fountains in fairly constant action.

On February 1 at a quarter to eleven o'clock, there was heavy overflowing along the northeast bench; the north-west cone was puffing vigorously and great accumulations of lava on the northwest and western area of the pit had built up a rolling surface which was within three feet of the floor of the large northwest wall cavern.

The three greater crag masses had risen so much on this day that they were all clearly visible from the automobile terminus. The main crag mass was tilting steadily to the westward and at the west end of the southwest peninsula a flat, ring-shaped cone and crater had formed. Immense glowing grotto domes were visible in the northeast and southeast ramparts, and there was a brilliantly glowing cavern under the isthmus near the south island.

There was a striking change in the streaming during the afternoon of this day, the surface currents pouring southward for the first time in many weeks. There were about eight very large fountains in action, some of these being almost 100 feet in length, spraying to great heights and emitting yellow brown fume which changed to blue above. There was apparently an opening under the southwest cone and into this there was slow and majestic inflow of the molten surface of the lake. The lake subsided several feet during the afternoon.

On Friday, February 2 the lake was ten feet below its rim. The lava on the northwest floor heaped up until it was level with the northwest cavern floor and flows were trickling in that region. At nine o'clock that night there were four great flaming grottoes and spears of blue flame also rose from the southwest ring cone and the northwest cone. There were ten fountains in action, an exceptionally heavy one occasionally migrating around the south island and expending itself in the southern dome grotto. At this point as well as a grotto southwest, the rush of gas threw out jets of lava horizontally from sixty to 100 feet making a wonderful display as viewed from the rim of the pit. Glowing and flaming orifices had appeared on this day at the back of the northeast and southeast ramparts.

During the week there were two earthquakes, one of which was of small amplitude but the other, which originated at a distance of a little over 3000 miles away from the observatory, was a great, world shaking temblor occurring in the late afternoon of January 29. In the absence of any news of this, it can only be inferred that the origin was submarine, for on land it would have produced certain disaster unless located in the midst of a great wilderness.

Tilting to the north and east is still decreasing, with a corresponding increase to the south and west.

ATTORNEY SAILS

Attorney Claudius McBryde left Honolulu unexpectedly on the Matsonia Wednesday morning. He had not booked his passage in advance. Inquiry at his home last night developed the fact that it is unknown when he will return.

NEW YORK APPROPRIATES MILLION FOR DEFENSE

(Associated Press by Federal Wireless.) ALBANY, February 9.—Governor Whitman yesterday signed the bill passed by the legislature appropriating a million dollars for military preparedness in New York State.

WIDOW OF GREAT MERCHANT DIES

MRS. MARIE HACKFELD PASSES AWAY

News was received yesterday of the death in Bremen, Germany, on February 4, of Marie Hackfeld, widow of the late Capt. H. Hackfeld, founder of H. Hackfeld & Co., Ltd.

A cable received yesterday morning stated that the cause of the death was pneumonia. Mrs. Hackfeld was eighty-eight years old.

The establishment of H. Hackfeld & Co. was closed all day yesterday out of respect to the memory of the deceased woman. A similar order of things prevailed at the branch establishments of the firm on the other islands.

The firm of Hackfeld was founded in 1849 by Captain Hackfeld and J. C. Pflueger, his brother-in-law. They, accompanied by Mrs. Hackfeld, came to these islands in the early forties. Captain Hackfeld died in 1888. Mrs. Hackfeld returned to her native country in 1875 and resided there until her death.

J. F. Hackfeld and J. F. C. Hagena, president and vice-president respectively of the firm of H. Hackfeld & Co., are nephews of deceased.

INTER-ISLAND AGAIN ON CARPET BEFORE UTILITIES COMMISSION

Once more the public utilities had the officials of the Inter-Island Steam Navigation Company on the carpet yesterday for failure to supply certain figures demanded months ago and once more the Inter-Island explained the difficulty of supplying the work and another extension of time was granted. The interrogations of which there is so much pillory are those requested by Commissioner Carden which he claims will show the profit, if any, to the non-public utility departments of the company of sale of coal, ship chandlery and drydock facilities to the company's ships.

Yesterday for the first time, the Inter-Island was hauled into court on the subpoena served on Norman E. Gedge, secretary-treasurer of the company and an air of seriousness and impending judicial decision was evident. Mr. Gedge was accompanied by L. J. Warren, company attorney, and M. M. Graham, auditor for the company. After all three officials had explained the willingness of the company to supply all figures that could possibly be compiled by the commission's satisfaction, but pointed out the difficulties encountered and the length of time required, Commissioner Carden, who is pressing the inquiry as originally made by him, secured a postponement of the hearing until Wednesday, February 28. This gives the Inter-Island three weeks in which to supply the figures.

Judge Watson, commission attorney, asked in the inquiry yesterday. To his questions, Attorney Warren and Mr. Gedge explained that there was no attempt to hide any figures and if time were allowed everything would be supplied.

"I am glad to hear that," answered Attorney Watson. "I am glad to hear that no responsible person has said that, as that is just what Mr. Field said."

Auditor Graham added that, if given time, he could supply the figures as requested by the commission, and that they would disprove the statements that the company's steamers had been "soaked" by charges from other departments.

"No responsible person has used the term 'soaked' or charged that such operations have been made," said Judge Watson.

"I am glad to hear that," answered Attorney Watson. "I am glad to hear that no responsible person has said that, as that is just what Mr. Field said."

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MARINE INTELLIGENCE

By Merchants' Exchange

Kahului-Sailed, Jan. 31, str. Honolulu for San Francisco.

Hilo-Sailed, Feb. 4, str. Ethel Zane for Port Townsend.

San Francisco-Arrived, Feb. 8, str. Mauna Kea from Hilo, 8 a. m.

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Honolulu-Sailed, Feb. 8, str. Mauna Kea for San Francisco.

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PORT OF HONOLULU.

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GERMANY DEFIANT OF UNITED STATES

(Concluded from Page 1)

war with this country, and it is everywhere believed that the only reason that American ships have not been sunk is that they have so far been able to remain safe in port. That they can not do this for long is admitted. One official of the state department yesterday declared that "the only reason American lives have not been lost is that chance has played in our favor, but there can be no doubt that chance can not help us much longer, and that the moment will come when we can no longer remain out of the war."

SECRETARIES SILENT

The President is represented in official circles as being determined to avoid plunging into war on a purely technicality.

Following the conference between the President, Secretary Baker and Secretary Daniels yesterday both cabinet officials were asked for statements, and each declared that they had "nothing to say at this time."

One unnamed official declared that the country is "merely awaiting the word, go." He was speaking of the preparedness measures, which are now pending before congress.

STOCKS SHOW MANY CHANGES FOR WEEK

Trading in both listed and unlisted securities was almost at a standstill yesterday on the local exchange, the market for sugar stocks being particularly dull. Shares sold at the session were 60 of Ewa, and between boards sales for the day were 477 shares.

Oahu was without change at 14 1/2 and McBryde held at 10. Pioneer Mills dropped an eighth to 30 1/2 and Oahu a half to 28 1/2. Ewa was even at 29 1/2. At 11:00, without change, 1000 Mutual Telephone 5s were sold.

Dullness was accompanied by declines on the yellow list. Stocks weak were: Mineral Products, off two cents to 87 cents, and Honolulu Oil, down five cents to 37 1/2. Engels Copper was unchanged at 67 1/2. Montana Bingham at 47 cents and Madera at 28 cents.

Yesterday's quiet in listed securities is the first dull day since the first of the month. Fluctuations have been more than usual during the past week, and the high and low quotations since the opening of February show a wide range, the difference being due largely to the decline suffered in the face of the international crisis. The policy of the market during the last few days has been to hold floor, and this has checked further declines to a large extent.

High and low prices since February first have been: Oahu, 15 1/2 to 13; McBryde, 11 1/2 to 9; Pioneer, 40 to 35; Waiolu, 29 1/2 to 27; Oahu, 31 1/2 to 28 1/2; Ewa, 31 1/2 to 28 1/2; H. C. & S., 40 1/2 to 35 1/2; Hawaiian Pine, 42 1/2 to 40 1/2; Brewery, 17 to 17 1/2.

HOLLAND WILL NOT CHANGE ATTITUDE

(Associated Press by Federal Wireless.)

THE HAGUE, Holland, February 9.—The government of Holland has no reason to change its attitude towards Germany on account of that nation's declaration of a campaign of unrestricted submarine warfare, according to a statement made yesterday by Premier Van der Liden in an address before parliament, says a Reuter News Agency announcement.

"Law remains law, even though it is violated by others," the premier is quoted as saying.

TEUTONS IN PHILIPPINES ARE REMOVED TO BAGUIO

(Associated Press by Federal Wireless.)

MANILA, P. I., February 9.—Destructive Germans of the Philippine Islands and German sailors of the interned German vessels in this port have been removed by the inland government to the government buildings at Baguio.

Bond Investments

We endeavor at all times to have available for our clients a fully diversified list of high grade bonds which we have carefully investigated and believe we can recommend as safe and attractive investments. Such issues meet the requirements of banks, trust fund investors and individuals.

Our lists comprise

United States Government Bonds
State and Municipal Bonds
Railroad Bonds, Public Utility Bonds
Foreign Government Bonds

Careful analysis of requirements is essential to efficient investment. If you will advise us as to the general character of your funds we shall be pleased to prepare a list of bonds suitable for the purpose.

Inquiries cordially invited

The National City Company

National City Bank Building, New York

REPRESENTATIVE FOR HAWAII

H. A. BRUCE

200 Bank of Hawaii Bldg., Honolulu. Telephone 1819

HONOLULU STOCK EXCHANGE

Thursday, February 8, 1917.

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